

December 16 (Wednesday)

- 7:00 - 7:20** **Symposium 2 Preclinical Model for Pediatric Brain Tumors**
Sponsored by: St. Baldrick's Foundation
Moderator : *Daisuke Kawauchi (Japan)*
 SYMP2-IS-06 Recapitulating developmental context using genetically engineered and patient-derived models of pediatric diffuse high-grade gliomas
 Suzanne Baker (USA)
- 7:20 - 7:40** **Symposium 3 Precision Medicine**
Moderator : *Keita Terashima (Japan)*
 SYMP3-IS-07 Precision Medicine in Pediatric Neuro-Oncology
 Sabine Mueller (USA)
- 7:40 - 8:00** **Keynote 18 Preclinical models/Experimental Therapy/Drug Discovery**
Sponsored by: Children's Brain Tumor Network
Moderator : *Keita Terashima (Japan)*
 MOD-IS-01 In Silico Drug Screening and System Biology Approach in Drug Repurposing
 Ching Lau (USA)
- 8:00 - 8:20** **Keynote 19 Pediatric Neuropsychology**
Moderator : *Keita Terashima (Japan)*
 PED-IS-01 Biological Substrates of Impaired Neurocognitive Functioning: Understanding the Late Effects of Surviving a Pediatric Brain Tumor
 Stephen Sands (USA)
- 8:20 - 9:30** **Forum 4 Immunotherapy**
Moderator : *Naoya Hashimoto (Japan)*
- 8:20 - 8:40 Advances in cellular immunotherapy targeting pediatric brain tumors
 IMM-IS-01 Duane Mitchell (USA)
- 8:40 - 9:00 Today's immunotherapy for pediatric CNS tumors: briefly defining the Gordian Knot
 IMM-IS-02 Eugene Hwang (USA)
- 9:00 - 9:20 Nivolumab monotherapy and nivolumab in combination with ipilimumab in pediatric patients with high-grade primary central nervous system malignancies: safety and Pharmacokinetic results from CheckMate 908
 IMM-IS-03 Ira Dunkel (USA)
- 9:20 - 9:30 Panel discussion/Q&A
 IMM-QA-04

9:30 - 10:20	Medulloblastoma Session	<i>Sponsored by: KITZ Foundation</i>
	Moderator : Daisuke Kawauchi (Japan)	
9:30 - 9:55	Keynote 20	
MEDB-IS-01	(basic) Medulloblastomics 2020: biological and clinical insights from 1,000s of patients Paul Northcott (USA)	
9:55 - 10:20	Keynote 21	
MEDC-IS-01	(clinical) Medulloblastoma – Biology informs Clinical Outcome Amar Gajjar (USA)	
10:20 - 10:40	Keynote 22 Drug Delivery	
	Moderator : Daisuke Kawauchi (Japan)	
DRU-IS-01	Convection enhanced delivery (CED) in the brain stem of children with diffuse intrinsic pontine glioma (DIPG): beyond feasibility Mark Souweidane (USA)	
10:40 - 11:05	Special Lecture 11	
	Moderator : Tomoki Todo (Japan)	<i>Sponsored by: Preston Robert Tisch Brain Tumor Foundation</i>
SL 11-IS-09	Brain immunology and immunotherapy in brain tumors. David Ashley (USA)	
11:05 - 11:30	Keynote 23 Viral/gene Therapy	<i>Sponsored by: Denka Company Limited</i>
	Moderator : Tomoki Todo (Japan)	
VIR-IS-LV-01	Results of phase II clinical trial of oncolytic herpes virus G47 Δ in adult patients with Glioblastoma (No On-Demand Program) Tomoki Todo (Japan)	
11:30 - 11:50	Keynote 24 Radiation Oncology	<i>Sponsored by: FUJIFILM Corporation</i>
	Moderator : Hiroshi Fuji (Japan)	
RAD-IS-01	Radiation Oncology in Pediatric Neuro-oncology Thomas Merchant (USA)	
11:50 - 12:30	Keynote 25 Imaging	<i>Sponsored by: FUJIFILM Medical Solutions Co., Ltd</i>
	Moderator : Hiroshi Fuji (Japan)	
IMA-IS-01	pH-weighted molecular imaging of brain tumors Benjamin Ellingson (USA)	

12:30 - 13:30 **Luncheon Seminar 3 Epilepsy**

Sponsored by: Eisai Co., Ltd

Moderator : Ryo Nishikawa (Japan)

LS-IS-LV-02

Tumor-related epilepsy and long-term epilepsy associated tumors in children:
epilepsy surgeons' perspective (No On-Demand Program)
Kensuke Kawai (Japan)

13:30 - 13:50 **Closing Ceremony**

CC-01

Closing remarks
ISPNO2020 Award
Koichi Ichimura (Japan)

13:50 - 14:00 **Handover**

CC-02

Introduction to ISPNO2022 in Hamburg
Stefan Rutkowski (Germany)
Stefan Pfister (Germany)

14:00 - 14:10 **Adjourn**